

IN THE CLAIMS

Please amend claims **1, 15, and 27** as follows:

1. (Currently Amended) A herbal composition to treat gastro-intestinal disorders, said composition comprising 5 to 10% by wt. of extract from *Mangifera indica*, 5 to 10% by wt. of *Cissampelos pareira*, and 5 to 10% by wt. of *Cinnamomum sp.*, and 5 to 10% by wt. of *Buchanania lanza* 5 to 10% optionally along with other pharmacologically acceptable binders, diluents and lubricants.
2. (Original) A herbal composition as claimed in claim 1, wherein the gastro-intestinal disorder is diarrhea, dysentery, gastric ulcer, duodenal ulcer, stomach ache, irritable bowel syndrome and anti-spasmodic.
3. (Original) A herbal composition as claimed in claim 1, wherein the said composition is synergistic mixture of plant extracts having high antioxidant, hepatoprotective, digestive, choleric, nervine relaxant and immuno-enhancing properties.
4. (Original) A herbal composition as claimed in claim 1, wherein the plant extracts are obtained from plant parts selected from root, seed and aerial parts.
5. (Original) A herbal composition as claimed in claim 1, wherein the extract of *Cissampelos pareira* is obtained from root.
6. (Original) A herbal composition as claimed in claim 1, wherein the extract of *Mangifera indica* is obtained from seed kernel.
7. (Original) A herbal composition as claimed in claim 1, wherein the extract of *Cinnamomum sp.* is obtained from leaves and bark.

8. (Original) A herbal composition as claimed in claim 1, wherein the extract of *Buchanania lanzan* is obtained from bark.

9. (Original) Herbal formulation(s) as claimed in claim 1 wherein the extracts of plants are 50% aqueous alcoholic extract.

10. (Original) A herbal composition as claimed in claim 1 wherein the said binder is selected from a group comprising starch, starch paste, gum acacia and carboxy methyl cellulose.

11. (Original) A herbal composition as claimed in claim 1 wherein the diluent used is lactose.

12. (Original) A herbal composition as claimed in claim 1 wherein the lubricants used are from starch and lactose.

13. (Original) A herbal composition as claimed in claim 1 wherein the 66.7% w/w sugar syrup is used as a vehicle.

14. (Original) A herbal composition as claimed in claim 1, wherein the said composition comprises about 15-50% wt of the total formulation.

15. (Currently Amended) A method of preparing a herbal composition as claimed in claim 1, wherein the said method comprising:

- a. obtaining the part of medicinal plants from a group comprising leaves, bark, root and aerial parts;
- b. drying the plant part of step (a);
- c. powdering the dried plant material of step (b) to a coarse powder[[.]] i
- d. extracting the powdered dried plant material with an aqueous alcohol at a temperature in the range of 25 to 35 °C;

- e. extracting the plant material with the aqueous alcohol in the ratio of 1:8 to 1:15 for 4-7 days;
- f. concentrating the obtained extract [[at]] under reduced pressure at a temperature in the range of 40-60 °C, and
- g. obtaining the extract by lyophilising the concentrated extract for complete removal of solvent[[.]] ; and
- h. mixing the extract of *Mangifera indica*, *Cissampelos pareira*, *Buchanania lanza* and *Cinnamomum* sp 5-15% by wt., along with other pharmacologically acceptable binders, diluents and lubricants to prepare the composition.

16. (Original) A process of preparation of herbal composition as claimed in claim 15, wherein the medicinal plants of step (a) are selected from a group comprising *Mangifera indica*, *Cissampelos pareira*, *Buchanania lanza* and *Cinnamomum* sp.

17. (Original) A process as claimed in claim 15, wherein in step (b) the extraction is carried out by using 40-50% aqueous ethanol.

18. (Original) A process of preparation of herbal composition as claimed in claim 15, wherein the plant extracts are obtained: from plant *Mangifera indica*, *Cissampelos pareira*, and *Cinnamomum* and the plant parts selected from root, seed and aerial parts.

19. (Original) A process of preparation of herbal composition as claimed in claim 15, wherein the extract of *Cissampelos pareira* is a root.

20. (Original) A process of preparation of herbal composition as claimed in claim 15, wherein the extract of *Mangifera indica* is a seed kernel.

21. (Original) A process of preparation of herbal composition as claimed in claim 15, wherein the extract of *Cinnamomum* sp. is leaves.

22. (Original) A process of preparation of herbal composition as claimed in claim 15, wherein in step (f) the extracts of plants are 50% aqueous alcoholic extract.

23. (Original) A process of preparation of herbal composition as claimed in claim 15, wherein in the step (h) the said binder is selected from a group comprising starch, starch paste, gum acacia and carboxy methyl cellulose.

24. (Original) A process of preparation of herbal composition as claimed in claim 15, wherein in the step (h) the diluent used is lactose.

25. (Original) A process of preparation of herbal composition as claimed in claim 15, wherein in the step (h) the lubricants used are from starch and lactose.

26. (Original) A process of preparation of herbal compositions as claimed in claim 15, wherein the said composition comprises about 25-50% wt of the total formulation.

27. (Currently Amended) A method of treatment of gastro-intestinal disorder by administering a pharmaceutically acceptable amount of a composition comprising extracts from *Mangifera indica*, *Cissampelos pareira*, *Cinnamomum* sp, and *Buchanania lanza* to a subject in need thereof.

28. (Original) A method of treatment as claimed in claim 27, wherein the subject is mammals.

29. (Original) A method of treatment as claimed in claim 27, wherein said composition is applied as oral dosage selected from a group comprising syrup, tablet, capsule and powder.

30. (Original) A method of treatment as claimed in claim 27, wherein the applied dosage

is 25 to 100 mg/kg in castor oil induced diarrhoea, which gives a % protection of 16.92 to 76.69.

31. (Original) A method of treatment as claimed in claim 27, wherein the applied dosage is 25 to 100 mg/kg in on castor oil-stimulated gastrointestinal transit, which gives a % curative ratio of 43.19 to 66.70.

32. (Original) A method of treatment as claimed in claim 27, wherein the applied dosage is 25 to 100 mg/kg in castor oil induced fluid accumulation, wherein the fluid accumulation is reduced to 2.14 ± 0.34 to 1.12 ± 0.10 .

33. (Original) A method of treatment as claimed in claim 27, wherein the applied dosage is 25 to 100 mg/kg in castor oil induced fluid accumulation, wherein the concentration of sodium is reduced to 151.6 ± 9.6 to 105.4 ± 06.9 .

34. (Original) A method of treatment as claimed in claim 27, wherein the applied dosage is 25 to 100 mg/kg in castor oil induced fluid accumulation, wherein the concentration of potassium is reduced to 6.4 ± 0.71 to 5.6 ± 0.31 .

35. (Original) A method of treatment as claimed in claim 27, wherein the applied dosage of 25 to 100 mg/kg in indomethacin induced acute gastric ulcers results in the protection percentage of 27.03 to 75.38 % and significant increase in gastric wall mucus.

36. (Original) A method of treatment as claimed in claim 27, wherein the applied dosage of 25 to 100 mg/kg in cysteamine induced duodenal ulcers shows 41.7 to 90.2 incidence (treated) when compared to 80 % incidence of ulcers in control.

37. (Original) A method of treatment as claimed in claim 27, wherein the composition immediately relieves the acidity of the stomach by neutralizing the excess acid.